

## ENVIRONMENTAL AFFAIRS (22)

### AGENCY PLAN MISSION, GOALS AND BUDGET SUMMARY

#### AGENCY MISSION:

The mission of the Environmental Affairs Department is to manage and coordinate the environmental affairs of the City of Detroit through the development and implementation of a coordinated and comprehensive environmental policy. This environmental policy shall provide for the protection of and enhancement of the quality of life for the citizens of Detroit; provide the skills and resources needed to maintain the City in compliance with applicable laws and regulations; and provide for the most effective and sustainable use of the natural resources (land, water and air) available to the City.

#### AGENCY GOALS:

1. Develop a Citywide policy for operations that deal with environmental issues.
2. Coordinate disparate City activities and operations that have environmental aspects and/or result in environmental impacts under well-informed environmental policies.
3. Take positive steps to bring about compliance with local, state, and federal environmental laws to support a sustainable, healthy, clean environment for our citizens.
4. Establish point of contact for regulatory agencies to enforce compliance, and to promote awareness of environmental issues with community/non-profit initiatives.

#### AGENCY FINANCIAL SUMMARY:

2002-03 <u>Requested</u>		2001-02 <u>Budget</u>	2002-03 <u>Recommended</u>	Increase (Decrease)
\$ 2,432,510	City Appropriations	\$ 1,883,014	\$ 2,785,912	\$ 902,898
\$ 2,432,510	Total Appropriations	\$ 1,883,014	\$ 2,785,912	\$ 902,898
\$ -	City Revenues	\$ -	\$ 230,000	\$ 230,000
\$ -	Total Revenues	\$ -	\$ 230,000	\$ 230,000
\$ 2,432,510	NET TAX COST:	<u>\$ 1,883,014</u>	<u>\$ 2,555,912</u>	\$ 672,898

#### AGENCY EMPLOYEE STATISTICS:

2002-03 <u>Requested</u>		2002-03 <u>Budget</u>	04-01-02 <u>Actual</u>	2002-03 <u>Recommended</u>	Increase (Decrease)
18	City Positions	14	10	37	23
18	Total Positions	14	10	37	23

#### ACTIVITIES IN THIS AGENCY:

	2001-02 <u>Budget</u>	2002-03 <u>Recommended</u>	Increase (Decrease)
Environmental Affairs	\$ 1,883,014	\$ 1,755,607	\$ (127,407)
Environmental Code Enforcement	\$ -	\$ 1,030,305	\$ 1,030,305
	\$ 1,883,014	\$ 2,785,912	\$ 902,898

## **ENVIRONMENTAL AFFAIRS (22)**

### ***ENVIRONMENTAL AFFAIRS ACTIVITY INFORMATION***

#### **ACTIVITY DESCRIPTION: ENVIRONMENTAL AFFAIRS**

This Department interacts with City agencies, governmental regulators and other agencies to promote the environmental health of the City in four different areas: brownfield redevelopment; compliance activities in City facilities and operations; hazardous substance management and emergency response systems; and protection, conservation and preservation of the environment. This Department is actively working to: develop and implement programs that support sustainable development initiatives focusing on brownfield redevelopment; actively participate in state and federal legislative initiatives to improve regulatory and compliance processes throughout City operations; establish policy and provide guidance to operational departments on environmental issues to assure the City's compliance with environmental laws, rules and regulations; establish programs for City departments for the conservation and restoration of beneficial environmental uses and protection of our environmental assets; and seek funding for clean-up of contaminated sites.

#### **GOALS AND OBJECTIVES:**

1. Develop a Citywide policy for operations that deal with environmental issues.
  - Institutionalize the technical and professional expertise needed to address environmental issues which impact the City and its departments.
  - Develop, design and implement an environmental management system, as well as design and implement audit procedures to identify and evaluate corrective measures.
  - Develop, modify or amend local ordinances that affect environmental health, protection and conservation.
2. Coordinate disparate City activities and operations that have environmental aspects and/or result in environmental impacts under well-informed environmental policies.
  - Develop, implement, and coordinate a plan to respond to hazardous substance emergencies which threaten the health, safety or welfare of the public.
  - Develop training programs for City employees dealing with environmental issues.
  - Implement a comprehensive plan to coordinate the re-use and redevelopment of contaminated property.
3. Establish point of contact for environmental regulatory agencies to communicate and coordinate with the City, and with community/non-profit stakeholders to promote understanding of environmental issues in an urban setting.
  - Act as the liaison with state and federal agencies addressing 1) environmental policies, 2) legislative and executive initiatives, and 3) compliance.
  - Promote environmental justice issues by working closely with community groups and business organizations to maintain positive relationships with industry, government and the community.
  - Take advantage of increasing grant and research partnership opportunities.
  - Promote environmental awareness within the community and city government.

#### **MAJOR INITIATIVES:**

In FY 2001 and FY 2002 the Department of Environmental Affairs (DEA) undertook several initiatives including: 1) brownfield redevelopment, 2) evaluation of the City Code for its environmental aspects, 3) completion of the Environmental Management System (EMS) pilot with the U.S.E.P.A., 4) collaborating with U.S.E.P.A. on a junkyard and salvage yard compliance program, and 5) continuation of the Department's coordinating role in the Illegal Dumping Task Force. In FY 2003, the Department will build on these initiatives to expand its role in compliance and enforcement of local, state and federal environmental laws, increase its outreach to the community and to City departments to develop programs and policies that will heighten awareness of environmental impacts, improve environmental stewardship in our neighborhoods and in City operations, and enhance the tools available to the City for brownfield re-use and re-development. To achieve *these goals* DEA will continue to partner with City departments and with state and federal agencies to leverage the resources and tools needed to bring about improvements in the land, air and water quality of Detroit.

## **ENVIRONMENTAL AFFAIRS (22)**

### **Brownfield Redevelopment:**

The DEA, on behalf of the City, has participated in every major initiative on brownfields, in both the state and federal arena. The City was one of the 21 original brownfield pilots selected by the U.S.E.P.A. DEA successfully completed the first round of funding and is now working on a supplemental site assessment grant under the program. Over the past 6 years the DEA has worked on an environmental task force of the US Conference of Mayors to promote national brownfields legislation. That legislation was passed by Congress and signed into law this year. The Department will pursue this enhanced brownfield funding to assess and clean up properties in the City of Detroit.

The Department continues to work with the Michigan Department of Environmental Quality (MDEQ) and the U.S.E.P.A. on the Redevelopment of Urban Sites (REUS) Team. This collaborative process has resulted in the clean-up of over a dozen major sites in the City including the Lions/Tigers Stadium Complex, the Revere Copper and Brass site and St. Anne's Gate. Currently, the REUS Team is addressing the former Statler Hilton hotel site. In addition, to these projects the Department has sought and obtained clean-up of a countless number of sites under the state's CMI bond fund.

To facilitate the development of brownfield sites beginning in the 2003 fiscal year, the City will leverage its re-use opportunities by concentrating its environmental service resources within the DEA. A newly consolidated environmental staff, consisting of 3 positions transferred from PDD and existing DEA staff, will work directly with development staff in the City's development agencies to strategically plan for the re-use and re-development of brownfield sites.

The DEA, through the move of three staff from the Planning and Development Department, will expedite the development process, duly recognize or prevent costs and potential liabilities associated with technical environmental issues, and make available special environmental expertise needed to interface with developers, state and federal governments. The positions include two Principal Development Specialists (which will become Environmental Specialist II's and a Senior Typist. Eventually, all city contracts for environmental services will be monitored by the DEA, and brownfield sites will be more proactively identified and addressed.

In addition to the outreach in the Compliance and Enforcement Division, the DEA will coordinate programs in the community and within City departments to increase environmental awareness, and improve the environmental quality of life in our neighborhoods and in the City's workplaces.

### **Pollution Prevention:**

This year the DEA received a pollution prevention grant from the MDEQ to assist junkyards and salvage yards in establishing best management practices. The program will also produce educational materials for operators of these facilities and citizens, which explain how these facilities can perform their tasks in a manner that protects the environment. Such practices will also result in decreasing or eliminating the perceived or real burdens these facilities have on surrounding neighborhoods.

As stated above we will also continue our collaboration with state and federal environmental agencies to monitor such facilities to assure that they operate within the bounds of applicable environmental laws. Last year as a result of multimedia inspections conducted in conjunction with state and federal agencies, four salvage yards were cited and issued fines and penalties for violation of various environmental laws. We intend to continue this program as we implement our outreach and education initiatives.

### **Environmental Management:**

For the past two years the DEA has coordinated an Environmental Management System (EMS) pilot with the Recreation and the Public Lighting Departments. Core teams from each department were trained in the principles and practices of environmental management that have been so successful in private industry. This is a "bottom-up" program that when supported by management increases the employees' awareness of the impact that their day to day operations have on the environment. The employees evaluate, design and monitor the program. The employees determine how to modify their work practices to avoid negative impacts on the environment and prevent pollution.

## **ENVIRONMENTAL AFFAIRS (22)**

DEA will roll out its EMS program to all City departments. The pilot program graduates will serve as mentors and their accomplishments will provide inspiration to other departments. These are proven success stories that other departments can emulate. With this program, departments can individually assume a leadership role in the clean-up of the city and serve as an example of environmental stewardship in the communities in which they operate.

### PLANNING FOR THE FUTURE:

DEA will continue to move forward toward an integrated environmental management framework for the City.

Ongoing projects include:

- A GIS system containing environmental data which can be used by developers, citizens and City departments
- Continued training for City employees
- Community outreach and awareness
- Revision of ordinance provisions to include environmental standards and compliance objectives
- Policy, procedures and guidance documents for employees and those doing business with and within the City of Detroit

## ENVIRONMENTAL AFFAIRS (22)

### ENVIRONMENTAL AFFAIRS MEASURES AND TARGETS

Goals: Measures	1999-00 Actual	2000-01 Actual	2001-02 Projection	2002-03 Target
Institutionalize the technical and professional expertise needed to address environmental issues which face the City and its departments: Percentage of City departments targeted	20%	20%	25%	30%
Develop Citywide policy for operations that deal with environmental issues: Number of departments audited	1	1	3	3
Number of departmental contacts made	15	20	50	60
Develop and implement a comprehensive plan to coordinate the re-use and redevelopment of contaminated property: Number of sites addressed	115	120	150	200
Act as liaison with regulatory agencies and community/non-profit initiatives, to enforce compliance and promote awareness of environmental issues: Number of legislative initiatives addressed	10	10	10	20
Number of liaison activities with state regulators	25	30	50	75
Number of liaison activities with federal regulators	25	30	50	75
Number of grant awards	1	2	3	7
<b>Activity Costs</b>	<b>\$1,146,228</b>	<b>\$1,128,560</b>	<b>\$1,750,832</b>	<b>\$1,755,607</b>

**CITY OF DETROIT**  
**Department of Environmental Affairs**  
**Financial Detail by Appropriation and Organization**

<b>Administration</b>	<b>2001-02 Redbook</b>		<b>2002-03 Dept Final Request</b>		<b>2002-03 Mayor's Budget Rec</b>	
	<b>FTE</b>	<b>AMOUNT</b>	<b>FTE</b>	<b>AMOUNT</b>	<b>FTE</b>	<b>AMOUNT</b>
<b>Environmental Affairs Administration</b>						
<i>APPROPRIATION</i>						
<i>ORGANIZATION</i>						
00935 - Environmental Affairs Administration						
220010 - Administration	14	\$1,883,014	18	\$2,432,510	17	\$1,755,607
<b>APPROPRIATION TOTAL</b>	<b>14</b>	<b>\$1,883,014</b>	<b>18</b>	<b>\$2,432,510</b>	<b>17</b>	<b>\$1,755,607</b>
<b>ACTIVITY TOTAL</b>	<b>14</b>	<b>\$1,883,014</b>	<b>18</b>	<b>\$2,432,510</b>	<b>17</b>	<b>\$1,755,607</b>

**CITY OF DETROIT**  
**Budget Development for FY 2002 - 2003**  
**Appropriations - Summary Objects**

	<b>2001-02 Redbook</b>	<b>2002-03 Dept Final Request</b>	<b>2002-03 Mayor's Budget Rec</b>
<b>AC0522 - Environmental Affairs</b>			
<i>A22000 - Environmental Affairs Department</i>			
SALWAGESL - Salary & Wages	712,717	1,091,291	923,851
EMPBENESL - Employee Benefi	353,487	577,719	457,408
PROFSVCSL - Professional/Con	473,211	400,000	101,413
OPERSUPSL - Operating Suppli	13,600	15,000	15,988
OPERSVCSL - Operating Servic	223,799	235,500	210,747
CAPEQUPSL - Capital Equipmei	13,200	55,000	13,200
CAPOUTLSL - Capital Outlays/I	60,000	25,000	0
OTHEXPSSL - Other Expenses	33,000	33,000	33,000
<i>A22000 - Environmental Affairs Depar</i>	<i>1,883,014</i>	<i>2,432,510</i>	<i>1,755,607</i>
<b>AC0522 - Environmental Affairs</b>	<b>1,883,014</b>	<b>2,432,510</b>	<b>1,755,607</b>
<b>Grand Total</b>	<b>1,883,014</b>	<b>2,432,510</b>	<b>1,755,607</b>

## **ENVIRONMENTAL AFFAIRS (22)**

### ***ENVIRONMENTAL CODE ENFORCEMENT ACTIVITY INFORMATION***

#### **ACTIVITY DESCRIPTION: ENVIRONMENTAL CODE ENFORCEMENT**

Staff in the Compliance and Enforcement Division interact with City agencies, governmental regulators and the community to promote the environmental health of the City by regulation of the local physical environment.

#### **GOALS:**

Take positive steps to bring about compliance with local, state, and federal environmental laws to support a sustainable, healthy, clean environment for our citizens.

- Encourage solid waste facilities to adopt best management practices.
- Promote compliance with environmental aspects of the city code through inspection, education and awareness
- Work with City departments such as Law, Police, Fire, Buildings and Safety Engineering, and Health to enforce the City Code and state, federal and local laws as appropriate to abate and deter illegal dumping; the unlawful transport, storage and disposal of solid waste and the unlawful use of or impact on the natural resources of our subwatershed.

#### **MAJOR INITIATIVES:**

The Illegal Dumping Task Force Final Report contained several suggestions for combating illegal dumping in particular and the illegal or improper disposal of solid waste in the City of Detroit. One of the prominent recommendations of the Task Force was an ordinance revision that would increase the fines and penalties for illegal dumping and improper solid waste disposal. The Law Department has completed these ordinance revisions which will form the basis for increased and enhanced enforcement. The ordinance has been crafted as a Municipal Civil Infraction with fines and penalties as well as equitable relief. The DEA, as a designated enforcement agency in conjunction with the Detroit Police Department (DPD), the Department of Public Health (DPH), the Department of Public Works (DPW) Solid Waste Division, and the Courts will enforce the provisions of this ordinance. DEA will continue its coordinating role as well.

In 2002-03, the Mayor has enhanced the role of the DEA in the enforcement of City codes, by reassigning inspectors from DPW Environmental Control Division to the DEA and to the Health Department Environmental Services Division. This reorganization creates a Compliance and Enforcement Division within DEA to lead the enforcement of the City's environmental-related ordinances, and to coordinate the city's apparatus for dealing with illegal dumping, including Police, Health, the DPW Solid Waste Division, and the Courts. The Compliance and Enforcement Division will set inspection and compliance standards, will arrange training for partner City agencies, and will track compliance efforts and report to the Court about offenders through the newly-created Municipal Civil Infraction Bureau. DEA Staff will play a primary role in the development of educational outreach materials as part of a citywide public education campaign to be designed by CCSD to communicate the law and advocate compliance.

The City Treasurer will process payments for violations issued under the Municipal Civil Infractions Bureau. This budget shows \$230,000 in revenue, based on the current volume of violations and current collection factor on them, assuming a December 1, 2002 startup of the Bureau.

The specific reassignments to the DEA include: 14 Environmental Control Inspectors, two Principal Environmental Control Inspectors, the Supervising Environmental Control Inspector and one typist from the DPW Environmental Control Division. Inspectors will continue to work in conjunction with the officers assigned by Police to the Illegal Dumping Task Force, performing solid waste compliance functions, and will be cross-trained to address a variety of other community environmental violations. With the reallocation of some unfilled positions in B&SE's Zoning Enforcement Initiative to the DEA as two Environmental Control Inspectors, the City for the first time will audit the conditions of special land use grants and make serious regulation of harmful land uses under the 1998 Zoning Enforcement Initiative amendments to the Zoning Ordinance. B&SE is envisioned to begin incorporating non-environmental aspects of that initiative into its existing inspection activities. The DEA team is envisioned to also address other issues related to solid waste management, junkyards, air emissions, and nonpoint source pollution.



## **ENVIRONMENTAL AFFAIRS (22)**

### PLANNING FOR THE FUTURE:

The DEA's prosecution of noncompliance is assumed to begin showing results in collections in the 2003-04 fiscal year.

The DEA, with the assistance of the Law Department, will continue to expand its training of DPD, DPW, and DPH employees and inspectors on the enforcement of the new Municipal Civil Infractions and Illegal Dumping ordinances, once passed, and on other ordinances and statutes pertaining to environmental compliance issues.

## ENVIRONMENTAL AFFAIRS (22)

### *ENVIRONMENTAL AND COMMERCIAL INSPECTION SECTION MEASURES AND TARGETS*

Goals: Measures	1999-00 Actual	2000-01 Actual	2001-02 Projection	2002-03 Target
Provide timely refuse collection services and enforcement of environmental ordinances:				
Percent of compliance of violators	71%	60%	60%	78%
Number of households contacted – environmental	64,078	44,529	60,000	70,000
Number of non-complying properties issued violation tickets	8,179	5,822	7,000	7,000
<b>Activity Costs</b>	N/A	N/A	N/A	\$1,030,305

Note: Function will be transferred from DPW Environmental Control Division in 2002-2003.  
The Health Department will also contact households and issue violations, in rodent control efforts.

**CITY OF DETROIT**  
**Department of Environmental Affairs**  
**Financial Detail by Appropriation and Organization**

<b>Compliance and Enforcement</b>	<b>2001-02 Redbook</b>		<b>2002-03 Dept Final Request</b>		<b>2002-03 Mayor's Budget Rec</b>	
	<b>FTE</b>	<b>AMOUNT</b>	<b>FTE</b>	<b>AMOUNT</b>	<b>FTE</b>	<b>AMOUNT</b>
<b>Environmental Code Enforcement</b>						
<i>APPROPRIATION</i>						
<i>ORGANIZATION</i>						
10844 - Environmental Code Enforcement						
220025 - Compliance and Enforcement	0	\$0	0	\$0	20	\$1,030,305
<b>APPROPRIATION TOTAL</b>	<b>0</b>	<b>\$0</b>	<b>0</b>	<b>\$0</b>	<b>20</b>	<b>\$1,030,305</b>
<b>ACTIVITY TOTAL</b>	<b>0</b>	<b>\$0</b>	<b>0</b>	<b>\$0</b>	<b>20</b>	<b>\$1,030,305</b>

**CITY OF DETROIT**  
**Budget Development for FY 2002 - 2003**  
**Appropriations - Summary Objects**

	<b>2001-02</b>	<b>2002-03</b>	<b>2002-03</b>
	<b>Redbook</b>	<b>Dept Final</b>	<b>Mayor's</b>
		<b>Request</b>	<b>Budget Rec</b>
<b>AC1022 - Environmental Code Enforcement</b>			
<i>A22000 - Environmental Affairs Department</i>			
SALWAGESL - Salary & Wages	0	0	655,558
EMPBENESL - Employee Benefi	0	0	332,447
OPERSUPSL - Operating Suppli	0	0	4,300
OPERSVCSL - Operating Servic	0	0	21,600
CAPEQUPSL - Capital Equipmei	0	0	10,000
OTHEXPSSL - Other Expenses	0	0	6,400
<i>A22000 - Environmental Affairs Depar</i>	<i>0</i>	<i>0</i>	<i>1,030,305</i>
<b>AC1022 - Environmental Code Enforcemei</b>	<b>0</b>	<b>0</b>	<b>1,030,305</b>
<b>Grand Total</b>	<b>0</b>	<b>0</b>	<b>1,030,305</b>

**CITY OF DETROIT**  
**Budget Development for FY 2002 - 2003**  
**Appropriation Summary - Revenues**

	2000-01 Actuals	2001-02 Redbook	2002-03 Dept Final Request	2002-03 Mayor's Budget Rec	Variance
<b>A22000 - Environmental Affairs Department</b>					
<i>00935 - Environmental Affairs Administration</i>					
474100 - Miscellaneous Receipts	3,100	0	0	0	0
<i>00935 - Environmental Affairs Adminis</i>	<i>3,100</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>
<i>05387 - EPA Brownfields Pilot Grant</i>					
432190 - Grants-Comm Program	26,344	0	0	0	0
<i>05387 - EPA Brownfields Pilot Grant</i>	<i>26,344</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>
<i>10844 - Environmental Code Enforcement</i>					
448115 - Other Fees	0	0	0	230,000	230,000
<i>10844 - Environmental Code Enforcers</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>230,000</i>	<i>230,000</i>
<b>A22000 - Environmental Affairs Departmer</b>	<b>29,444</b>	<b>0</b>	<b>0</b>	<b>230,000</b>	<b>230,000</b>
<b>Grand Total</b>	<b>29,444</b>	<b>0</b>	<b>0</b>	<b>230,000</b>	<b>230,000</b>

**CITY OF DETROIT  
MAYOR'S 2002/2003 RECOMMENDED BUDGET**

**Environmental Affairs Department**

Appropriation	REDBOOK FY		DEPT REQUEST		MAYORS FY	
Organization	2001	2002 FTE	FY 2002	2003 FTE	2002	2003 FTE
Classification						
<b>00935 - Environmental Affairs Administration</b>						
<b>220010 - Administration</b>						
Director - Environ Affairs	1		1		1	
Manager II - Environ Affairs	1		1		1	
Environmental Specialist III	7		7		7	
Environmental Specialist II	0		2		2	
Admin Sprv - Environ Affairs	1		1		1	
Administrative Specialist I	1		1		1	
Office Management Assistant	1		1		1	
Executive Secretary III	1		1		1	
Senior Typist - Exempted	1		1		0	
Senior Typist	0		0		2	
Teller	0		2		0	
<b>Total Administration</b>	<b>14</b>		<b>18</b>		<b>17</b>	
<b>Total Environmental Affairs Administration</b>	<b>14</b>		<b>18</b>		<b>17</b>	
<b>10844 - Environmental Code Enforcement</b>						
<b>220025 - Compliance and Enforcement</b>						
Sprv Environmental Control	0		0		1	
Principal Environ Control Insp	0		0		2	
Environmental Control Inspect	0		0		16	
Typist	0		0		1	
<b>Total Compliance and Enforcement</b>	<b>0</b>		<b>0</b>		<b>20</b>	
<b>Total Environmental Code Enforcement</b>	<b>0</b>		<b>0</b>		<b>20</b>	
<b>Agency Total</b>	<b>14</b>		<b>18</b>		<b>37</b>	